HW#42: Area/Perimeter in the CP Pt. 2

Geometry

Due: Friday, Nov 13th

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Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

FAILURE TO WRITE IN COMPELTE SENTENCES OR SHOW ALL WORK WILL RESULT IN LASALLE.

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| 1. Rectangle FDIG has vertices at F(-10,2), D(-4,10), H(8,1), and I(2,-8).   ../../../Desktop/Screen%20Shot%202015-11-08%20at%205.28.25%20PM.png a) Graph rectangle FDIG on the grid below.   b) Find the area of rectangle FDIG. | 1. ../Images/Coordinate_Grid_XYAxis.PNGTriangle MCP has vertices at M(-1,2), C(5,5), and P(7,-1).   a) Graph triangle MCP on the grid below. b) Find the perimeter of triangle MCP. |
| Criteria for Success: Did you…   * Correctly plot the points on a graph * Identify the correct shape * Use the correct area formula * Use Pythagorean Theorem to find side lengths * Examine your answer: Does it answer the question? Does it make sense? Include units? | Criteria for Success: Did you…   * Correctly plot the points on a graph * Identify the correct shape * Use the correct area formula * Use Pythagorean Theorem to find side lengths * Examine your answer: Does it answer the question? Does it make sense? Include units? |

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Review – Manipulating Equations

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| Directions: Solve for the given variable in each equation. | |
| 1. ../../../Desktop/Screen%20Shot%202015-11-08%20at%205.34.36%20PM.png | 1. ../../../Desktop/Screen%20Shot%202015-11-08%20at%205.34.51%20PM.png |
| 1. ../../../Desktop/Screen%20Shot%202015-11-08%20at%205.34.56%20PM.png | 1. ../../../Desktop/Screen%20Shot%202015-11-08%20at%205.35.01%20PM.png |
| 1. ../../../Desktop/Screen%20Shot%202015-11-08%20at%205.35.04%20PM.png | 1. ../../../Desktop/Screen%20Shot%202015-11-08%20at%205.35.07%20PM.png |

Review – Area and Perimeter of Composite Figures

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| --- | --- |
| Find the area of the shaded region. ../../../../../Desktop/Complex_Area_HW.png  Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ../../../../../Desktop/Screen%20Shot%202015-11-08%20at%205.47.37%20PMFind the perimeter of the shape below.    Perimeter = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |